



PRODUCT DATA

316 SS Multi-Grip

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Multi-grips are versatile timber connectors used in a broad range of applications when joining roof, wall, ceiling, and floor framing.

Applications	
<ul style="list-style-type: none"> Ceiling joists to hanging beams Trusses to top plates Studs to bottom plates 	<ul style="list-style-type: none"> Jack trusses to truncated truss AS 1684 compliant

Material	 316 Stainless
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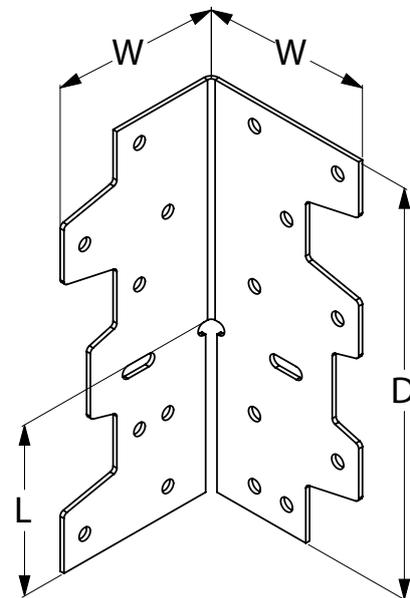
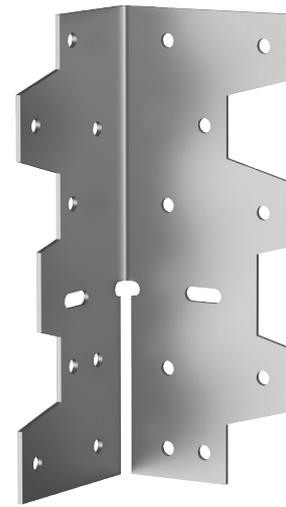
Finish	 316 Stainless
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Part	Width	Depth	Leg Depth	Thickness
	W (mm)	D (mm)	L (mm)	(mm)
HGM16D	40	95	40	1

Installation Guide

Minimum nail size to achieve stated design capacities:
30 x Ø2.8 mm stainless steel nails.

- Bend the tabs of the multi-grip to the required orientation.
- Fix multi-grip with 10 / 30 mm x Ø2.80 nails.
 - In bent orientations, there should be at least four nails in the side of each member and two nails in the top of one member.
 - In unbent orientations, there should be five nails in each member per multi-grip.



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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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Limit Design Capacities (AS 1720.1) Bent Orientations



Load Type	Minimum Nails in Each Member	Design Capacity (kN)									
		J2	J3	J4	J5	J6	JD2	JD3	JD4	JD5	JD6
Dead Load	4	2.2	1.5	1.1	0.8	0.6	2.7	2.2	1.5	1.3	1.0
Wind Uplift	4	4.3	3.1	2.2	1.7	1.2	5.5	4.3	3.1	2.5	1.9

Unbent Orientations



Load Type	Minimum Nails in Each Member	Design Capacity (kN)									
		J2	J3	J4	J5	J6	JD2	JD3	JD4	JD5	JD6
Dead Load	5	2.4	1.7	1.2	0.9	0.7	3.2	2.5	1.8	1.5	1.1
Wind Uplift	5	5.4	3.9	2.7	2.1	1.5	6.9	5.4	3.9	3.2	2.4

Design Capacity Factor

Design capacities have been derived from AS 1720.1 for Category 1 (C1) applications. Adjustment factors should be applied for Category C2 and C3 applications.

Design Category	C1	C2	C3
Adjustment Factor	1.00	0.94	0.88

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